

# CUBIT Capability Proposal

## Technical Area

Geometry, Meshing, Infrastructure, GUI, Graphics, etc..

## Technical Lead

Cubit Developer in charge of technical area

GUI

## MRD Description

Describe the capability in terms of how a user would see it.

Enhancement to GUI for ease of use

## SRS Description

What needs to be done by Cubit developers to implement this capability? Break the tasks into steps if applicable. (Steps should be on the order of 2 man-weeks or more)

1. Change color of button activated at top. (too hard to see)
2. Ability to delete the mesh on the fly when remeshing (popup button prompting you if you want to delete the mesh)
3. Alert if volumes are not imprinted and merged when meshing
4. Ability to mesh while ridding of small curves and background instead of separate commands.
5. Pulldown menu to include commands not yet implemented in the GUI. (Categorize them.)
6. Auto execute – Go from one box to the next without having to click on the next one.

## Justification

Describe why this is important and what impact it will have if it is implemented. (or not implemented).

Ease of use of GUI to enable quicker execution of functionality and less operations to get there.

## Resources

Who will work on this

## Time estimate

How much time will it take in man-weeks

## Targeted Release

10.2 (August 06), 10.3 (March 2007), 10.4 (August 2007), Future (beyond FY07)

## Submitted By:

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## Date:

4/26/06